CONCRETE RETAINING WALLS

GENERAL NOTES

- 1. The minimum concrete compressive strength at 28 days shall be 3,500 PSI and shall comply with ACI 318.
- 2. Reinforcing steel shall comply with ASTM A615 and shall have a yield strength of 60,000 PSI.
- 3. Backfilling against reinforced concrete retaining walls shall not be permitted until the concrete has reached its 28 day strength. Heavy equipment shall maintain a distance away from the wall equal to the wall's height. Care shall also be taken to avoid exerting large impact forces on the wall.

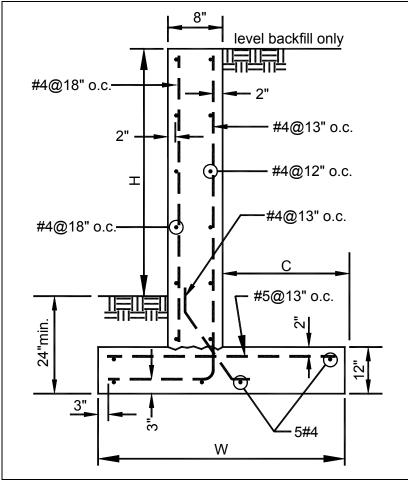


FIGURE 11: TYPICAL CONCRETE WALL SECTION

TABLE 2: TYPICAL CONCRETE WALL DIMENSIONS*

Н	С	W
2'-0"	11"	2'-1"
3'-0"	1-3"	2'-7"
4'-0"	1'-8"	3'-1"
5'-0"	2'-0"	3'-7"

^{*}Reference: Concrete Reinforcing Steel Institute



Typical Retaining Wall Details
Based on the 2000 Virginia Uniform
Statewide Building Code

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